

Samuel (Yiyuan) Tu

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OBJECTIVE:

Master Degree of Financial Engineering

EDUCATION:

Bachelor of Science, Computer Engineering
University of California, Davis
Honor: Dean's Honors List

Expected Graduation June 2017
Current UC Davis GPA: 3.77/4.00
GRE Quant: 168

SKILLS:

Programming Language: C, C++, Shell Script, Swift, Labview, CUDA, Verilog HDL, HTML, CSS, JavaScript

Computer: Word; Excel; Unix system; Mac Environment.

Language: Fluent in Mandarin, Cantonese, and English

Communication: Able to speak and write clearly and convincingly

PROJECTS:

Share Note iPhone App, UC Davis, CA (April 2016 - present)

- Researched and studied swift (iOS 9)
- Developed and designed an iPhone application that could share class notes

Funix, UC Davis, CA (Jan 2015 - Apr 2015)

- Wrote a basic of Unix system in object oriented language (C++)
- Collaboratively brainstormed ideas and debugged programs with a partner

Autonomous Recording Unit (ARU), UC Davis, CA (Jan 2015 - Apr 2015)

- Built an electronic system to record and locate the direction of the sound source
- Soldered and assembled a microphone
- Coded in Tiva C series launched board and connected it with a servomotor

EXPERIENCES/LEADERSHIP:

Morgan Stanley Financial Training Program Sacramento, (June 2016 - Sep 2016)

- *Research in Finance, stock Market and option trading.*
- *Apply fundamental and technical Analysis on the market.*
- *Conduct case studies while constructing portfolio. Í*

President/Founder of GRE Club, UC Davis, (December 2015 - present)

- Hosted meeting and gave presentations.
- Managed meeting time and locations.
- Scouted qualified instructors.

Owens Group, Dept of Electrical and Computer Engineering, Davis, CA (Sep 2015 - present)

- Help PhD and Master students do research on parallel computing on GPU.
- Wrote software in CUDA and assist to develop the GunRock CUDA Library for GPU.

Student Manager, Conference Center, Davis, CA (Jan 2015 - present)

- Set up events according to diagrams
- Troubleshoot and manage audio and visual equipment during events
- Interact with clients and provide exceptional customer service

Lobby Manger Assistant, HSBC Bank, Guangzhou, China (Aug 2013 - Sep 2013)

- Greeted clients and provided excellent customer service
- Provided information on bank products

ACTIVITIES:

UC Davis Swim Club (2013 Sep - present)

- A member of Economic and Business Student Association (EBSA)
- First place in 50 breaststrokes in UCLA swimming meet, winter 2013